

LISTING OF CLAIMS

This listing of claims will replace all prior versions and listing of claims in the present application.

1. (Original) A quick release, detachable wheel hub assembly for rotating a wheel thereon, said wheel hub assembly comprising:

a detachable axle attachable to a frame;

an interior hub rotatably mounted on said detachable axle;

an exterior hub detachably interlockable with said interior hub and rotatable therewith, said wheel being mountable on said exterior hub for rotation therewith;

a pin insertable in said exterior hub, said interior hub, and said detachable axle, said pin being lockable within said exterior hub, said interior hub, and said detachable axle for holding said wheel hub assembly together, said pin also being quickly releasable to disassemble said wheel hub assembly.

2. (Currently Amended) The quick release, detachable wheel hub assembly as recited in Claim [7] 1 wherein said detachable axle is tubular and further comprises:

an inner portion with an exteriorly threaded surface screwably attachable to said frame;

an outer portion adjacent said inner portion with a smooth exterior surface for mounting of and rotation thereon of said interior hub; and

a flanged portion between said inner portion and said outer portion for shouldering said interior hub when mounted on said detachable axle.

3. (Currently Amended) The quick release, detachable wheel hub assembly as recited in Claim [8] 2 wherein [of] said interior hub has at least one projection interlockable with at least one recess in said exterior hub.

4. (Currently Amended) The quick release, detachable wheel hub assembly as recited in Claim [8] 2 wherein said exterior hub has at least one projection interlockable with at least one recess in said interior hub.

5. (Currently Amended) The quick release, detachable wheel hub assembly as recited in Claims [9] 3 or [10] 4 wherein said frame is a wheelchair frame.